



## SafeStat vs. Safety Measurement System

Within the Comprehensive Safety Analysis (CSA 2010) Operational Model, the Safety Measurement System (SMS) quantifies the on-road safety performance of carriers and drivers to identify candidates for interventions, to determine the specific safety problems exhibited by a carrier or driver, and to monitor whether safety problems are improving or getting worse. SMS replaces SafeStat in the new operational model.

Today's System — SafeStat	CSA 2010's SMS
Organized in 4 broad categories — <b>S</b> afety <b>E</b> valuation <b>A</b> reas (SEAs)	Organized by 7 <b>B</b> ehavior <b>A</b> nalys <b>i</b> s <b>S</b> afety <b>I</b> mprovement <b>C</b> ategories (BASICs)
Identifies carriers for a compliance review (CR)	Identifies safety problems to determine who to investigate and where to focus the investigation
From roadside inspections, uses only out-of-service (OOS) and moving violations	Emphasizes on-road safety performance, using <b>all</b> safety-based inspection violations
No impact on safety rating	Used to propose adverse safety fitness determination based on carriers' current on-road safety performance (future)
Violations are not weighted based on relationship to crash risk	Violations are weighted based on relationship to crash risk
Assesses carriers only	Two distinct safety measurement systems: one for individual carriers and one for individual commercial motor vehicle drivers

